



# ECVP/ESVP Summer School in Veterinary Pathology

## Summer School 2010 – Pig Pathology

### Slide 4 – CR-121/10

- Descriptive key words:
  - Lung
  - Severe, multifocal to diffuse necrosis of the lung parenchyma
  - Marked dilation of interstitial lymphatic vessels, containing inflammatory cells
  - Presence of necrotic inflammatory cells (“oat cells”) as well as neutrophils within alveoli and bronchioli, mainly in the margins of the necrotic area
  - Extensive thrombosis (fibrin thrombi within capillaries and venules and arterioles all along the necrotic rims) – intravascular disseminated coagulation
- Morphological diagnosis:
  - Severe, acute, multifocal to diffuse, necrotizing pneumonia
- Most likely etiology/disease: bacteria (*Actinobacillus pleuropneumoniae* – *A. suis*, *P. multocida*,...) /contagious pleuropneumonia.